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APPLICANT: NIPPON SHEET GLASS CO LTD;

INVENTOR: KAWAGUCHI ATSUSHI;

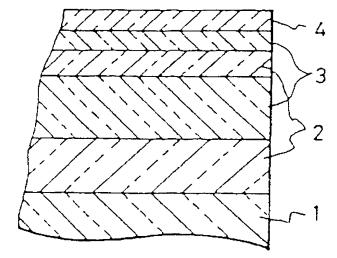
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TITLE

: HIGHLY TRANSMISSIVE

HEAT-REFLECTIVE GLASS



ABSTRACT: PURPOSE: To obtain the title glass imparted with both high transmittance and reflectance and improved in weatherability by laminating a glass plate with, as the first to fourth layers, respective specific materials at respective specified film thicknesses and by coating, as the outermost layer, another specific material at specified thickness.

> CONSTITUTION: A glass plate 1 is coated with (A) TiO2 layers consisting of high refractive index material and (B) SiO₂ layers consisting of low refractive index material, in the following manner: (1) the first layer: TiO2 layer 16-20nm thick. (2) the second layer: SiO₂ 168-212nm thick, (3) the third layer: TiO₂ layer 79-99nm thick, and (4) the fourth layer: SiO₂ layer 29-37nm thick. Furthermore, the resultant laminate is coated with, as the outermost layer, a SnO₂ layer 17-21nm thick. As the above-mentioned layers is thin as a whole, time required for the coating operation will be short, enabling the productivity in the coating processes to be improved.

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